

ABSTRACT

A method and system are presented for monitoring a process sequentially applied to a stream of substantially identical articles by a processing tool, so as to
5 terminate the operation of the processing tool upon detecting an end-point signal corresponding to a predetermined value of a desired parameter of the article being processed. The article is processed with the processing tool. Upon completing the processing in response to the end-point signal generated by an end-point detector continuously operating during the processing of the article, integrated monitoring is
10 applied to the processed article to measure the value of the desired parameter. The measured value of the desired parameter is analyzed to determine a correction value thereof to be used for adjusting the end-point signal corresponding to the predetermined value of the desired parameter for terminating the processing of the next article in the stream.